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IAP20 Rec'd PCT/JP04/14394 31 MAR 2006

Docket No. 288931US0PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Keisuke FURUICHI, et al.

SERIAL NO: New U.S PCT Application Based on PCT/JP04/14394

GAU:

FILED: Herewith

EXAMINER:

FOR: PROCESS FOR PRODUCING 1,4-DIHYDOXY-2-NAPHTHOIC ACID

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references cited in the International Search Report and listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

288931US0PCT

107574283
New U.S. PCT Application
Based on PCT/JP04/14394

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Keisuke FURUICHI, et al.

FILING DATE

Herewith

GROUP

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
|---------------------|----|--------------------|------|------|-------|--------------|-------------------------------|
| | AA | | | | | | |
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FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | TRANSLATION | |
|--|----|--------------------|-----------|-------------------------------|-------------|----|
| | | | | | YES | NO |
| | AO | 03/016544 | 2/27/2003 | WO | | NO |
| | AP | 2002/540760 | 12/3/2002 | JP(equivalent of WO 00/37669) | | NO |
| | AQ | 2102332 | 7/16/1997 | ES(with English abstract) | | NO |
| | AR | | | | | |

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

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| AS | ISAWA, Kakuhei et al., "Isolation and Identification of a New Bifidogenic Growth Stimulator Produced by Propionibacterium freudenreichii ET-3, Biosci. Biotechnol. Biochem.", Vol. 66, No. 3, Pages 679-681, 2002. |
| AT | YE, Kaiming et al., "Efficient Production of Vitamin B12 from Propionic Acid Bacteria under Periodic Variation of Dissolved Oxygen Concentration", Journal of Fermentation and Bioengineering, Vol. 82, No.5, Pages 484-491, 1996. |
| AU | MIYANO, Kenichiro et al., "Production of Vitamin B12 by propionic acid bacteria in a filtering-culture system and in a periodically-controlled culturing sysytem", The Society of Chemical Engineers, Vol.30 th , Page 316, 1997. (with English translation) |
| AV | ISHIDA, Junya et al., "Production of Bifidobacteria-specific growth stimulator by Propionic acid bacteria in anaerobic culture systems", Japan Society for Bioscience, Page 8, 2002. (with English translation) |
| AW | OKADA, Yoshikiyo et al., "Study on the anti-inflammatory action of DHNA against DSS enteritis, a component of the whey fermentation substance produced by the Propionic acid bacterium", Digestive organ and immunology, No. 40, Pages 58-60, 2003. (with partial English translation) |
| AX | HOJO, Kenichi et al., " Bifidogenic Growth Stimulator Produced by Propionic Acid Bacteria", The Dairy Science symposium 2000, Vol. 49, No. 3, Pages 161-167, 2000. (with partial English translation) |
| AY | |
| AZ | |

☐ Additional References sheet(s) attached

Examiner

Date Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.